

Title (en)
WATER DISPENSER

Title (de)
WASSERSPENDER

Title (fr)
DISTRIBUTEUR D'EAU

Publication
EP 2966025 A4 20160316 (EN)

Application
EP 13876850 A 20131129

Priority
• JP 2013041936 A 20130304
• JP 2013082162 W 20131129

Abstract (en)
[origin: EP2966025A1] A water dispenser is provided in which proliferation of bacteria is less likely to occur in an inner peripheral portion of a cap of a raw water container. In this water dispenser, the cap (45) includes the inner peripheral portion (46) which forms a water outlet port (14); and a plug (47) closing the water outlet port (14). A joint portion (15) of a raw water supply passage (6), which allows communication between the raw water container (4) and a cold water tank (2), includes a cylindrical member including a straight portion (73) configured to be fitted to the inner peripheral portion (46) of the cap (45) with an interference fit. An ultraviolet light source (78) is provided inside the joint portion (15), and the straight portion (73) is made of an ultraviolet light transmitting resin. An ultraviolet light reflecting portion (79) is provided at a portion of the interior of the joint portion (15) which does not face the inner peripheral portion (46) in the radial direction. The inner peripheral portion (46) is configured to be sterilized by the ultraviolet light irradiated from the ultraviolet light source (78) and transmitted through the straight portion (73).

IPC 8 full level
B67D 1/07 (2006.01); **B65D 25/42** (2006.01); **C02F 1/32** (2006.01); **C02F 1/78** (2006.01)

CPC (source: EP US)
B67D 1/0009 (2013.01 - US); **B67D 1/07** (2013.01 - US); **B67D 1/0857** (2013.01 - EP US); **C02F 1/32** (2013.01 - US); **C02F 1/325** (2013.01 - EP US); **C02F 1/78** (2013.01 - EP US); **B67D 1/0004** (2013.01 - EP US); **B67D 1/0895** (2013.01 - EP US); **B67D 2001/075** (2013.01 - US); **B67D 2210/00015** (2013.01 - EP US); **C02F 2201/32** (2013.01 - US); **C02F 2201/3222** (2013.01 - EP US); **C02F 2201/3228** (2013.01 - EP US); **C02F 2303/04** (2013.01 - EP US); **C02F 2307/10** (2013.01 - EP US)

Citation (search report)
• No further relevant documents disclosed
• See references of WO 2014136331A1

Cited by
CN110546371A; US11215145B2; US10180248B2; WO2018202825A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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